

WATrac: Washington's Healthcare Incident Management System

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Meeting Agenda

- History & Overview
- Product Demo
- Implementation Process Overview
- Questions/Next Steps



A Coordinated Healthcare Response

- Needs:
 - Communications Coordination
 - Information Management
 - Situational Awareness
 - Resource & Pharmaceutical Tracking
 - Contact Management
 - Alerting Capabilities for Response Partners
- Solution: WATrac



What is WATrac?

- WATrac is an Incident Management software system designed to support health and medical response throughout Washington State
- Web-based Software System
 - Vendor: Imagetrend (Minneapolis, MN)
 - Remote Hosted (Minneapolis & Chicago)
 - Unlimited Logins
 - HIPAA Compliant



Quick WATrac History


- Summer 2007 - Purchased with Hospital ASPR funds in King County
- Winter 2008
 - Hospitals in King County began training on Emergency Management features
 - Harborview Medical Center decided to discontinue the Hospital Capacity Website



Quick WATrac History

- Spring 2008 – WADOH decided to adopt WATrac as the statewide bed tracking solution
- Summer 2008
 - King County hospitals started using WATrac daily for bed tracking and ED status information
 - Implementation Team identified for statewide transition
- Fall 2008
 - Configuration/Training begins for other interested regions

Tracking ED Status

Current Facility Status		Facility Status Overview			
BLS Open - ALS Open		Location	Open	Caution	Closed
As of 02:50 PM on 04/09		Current Facility	1	0	0
 View Status Report		Partner Facilities	0	0	0
<input type="button" value="Change Diversion"/>		Regional Facilities	5	0	0
		Statewide Facilities	469	0	6
Alerts in the past 24 hours					
There were no alerts in the past 24 hours.					



Bed Tracking

Current Bed Availability				
Facility Bed	Available Staffed	Contact	Last Updated	Update
? Burn ICU	0		09/13 02:08 PM	Update
? CCU (Charlie III)	0		09/12 11:21 PM	Update
? ED Now (Alpha I)	10		09/12 11:21 PM	Update
? ED within 30 minutes (Alpha II)	10		09/12 11:22 PM	Update
? ICU (Charlie II)	0		09/12 11:22 PM	Update
? Isolation	0		09/12 11:22 PM	Update
? Med/Surgical (Charlie I)	0		09/12 11:22 PM	Update
? OR within 30 minutes (Bravo I)	2		09/12 11:22 PM	Update
? OR within 60 minutes (Bravo II)	4		09/12 11:22 PM	Update
? Pediatric ICU	0		09/12 11:22 PM	Update
? PEDs (Charlie IV)	0		09/12 11:23 PM	Update
? Psych (Charlie V)	6		09/12 11:23 PM	Update

Regional Status

Regions

All Regions
 Cross-County/Regional Agencies
 State/Federal Agencies
 *Demo
 Inactive Facilities

Facilities within

10 miles of
 City or Zip Code

Level of Facility

All Levels
 Level 1
 Level 2
 Level 3
 Level 4

Facility Type

All Facilities
 Ambulatory Care Facility
 Blood Bank
 Call Center
 Community Based Organization

Category

All Categories
 LTC - Boarding Home
 LTC - Adult Family Home
 MH/SA - Mental Health ONLY
 LTC - Home Care

Bed Type

All Types
 (Alpha I) ED Now
 (Alpha II) ED within 30 minutes
 (Bravo I) OR within 30 minutes
 (Bravo II) OR within 60 minutes

Diversion status

All Status
 Hospital - BLS Open - ALS Open
 Hospital - BLS Open - ALS Closed
 Hospital - BLS Closed - ALS Open
 Hospital - BLS Closed - ALS Closed

County

All Counties
 Adams
 Asotin
 Benton
 Chelan

Display: Region Name Bed Availability
 Diversion Status Diversion Reason

Rows Returned: 50 Search Reset Map

Use Ctrl+Click to Select Multiple Items in the Above Boxes


[View ED Status Report by Zone](#) [View Bed Census Report by Zone](#)

Loaded Wednesday, September 03, 2008 at 15:15

Region ?	Diversion Status ?	Diversion Reason ?	Diversion Updated ?			
				(Alpha I) ED Now	(Alpha II) ED within 30 minutes	(Bravo
Region 6 (King County)	Hospital - BLS Open - ALS Open for 0:11		09/03/2008 03:04 PM	0	31	
Region 6 (King County)	Hospital - BLS Open - ALS Open for 2:46		09/03/2008 12:29 PM	7	5	
Region 6 (King County)	Hospital - BLS Closed - ALS Closed for 3:48 of 2:00		09/03/2008 12:12 PM	4	4	
Region 6 (King County)	Hospital - BLS Open - ALS Open for 7:09		09/03/2008 08:06 AM	2	2	



Event Alerting

 **Regional Advisory - **THIS IS A TEST ALERT** Weather Advisory for Thursday. High winds expecte...** **View Report**
Issued: Tuesday 10/16/2007 at 17:46:47 by Allison Schletzbaum (Hospital Emergency Manager)

Regional Advisory - Unicode (UTF-8)

File Edit View Tools Message Help

Reply Reply All Forward Print Delete Previous Next Addresses

From: resourcebridge.support@imagnetrend.com
Date: Tuesday, October 16, 2007 3:57 PM
To: aschletz@u.washington.edu
Subject: Regional Advisory

Regional Advisory updated on 10/16/2007 05:57:52 PM
[Login to KCHealthTrac for more information](#)

Alert Description:
THIS IS A TEST ALERT Weather Advisory for Thursday. High winds expected in Western Washington. Please visit <http://www.noaa.org> for additional information. **THIS IS A TEST ALERT**

Reporting & Exporting

Reports > Report Writer > Hospitals by Trauma Level

I want to: -- Select from List --

Facility Name	City	Trauma Level
Harborview Medical Center	Seattle	Level 1
Auburn Regional Medical Center	Auburn	Level 3
Overlake Hospital Medical Center	Bellevue	Level 3
Swedish - Cherry Hill	Seattle	Level 3
Swedish - First Hill	Seattle	Level 3
Valley Medical Center	Renton	Level 3
Veterans Administration Hospital	Seattle	Level 3
Northwest Hospital	Seattle	Level 4
St. Francis Hospital	Federal Way	Level 4
Highline Medical Center	Burien	Level 4
Evergreen Healthcare	Kirkland	Level 4
Fairfax Hospital	Kirkland	Not Applicable
Group Health Cooperative - Central Campus	Seattle	Not Applicable
Group Health Cooperative - Eastside Campus	Redmond	Not Applicable
Kindred Hospital Seattle	Seattle	Not Applicable
Children's Hospital	Seattle	Not Applicable
Swedish - Ballard	Seattle	Not Applicable
Regional Hospital for Respiratory & Complex Care	Seattle	Not Applicable
Snoqualmie Valley Hospital	Snoqualmie	Not Applicable
Swedish - Issaquah	Issaquah	Not Applicable
University of Washington Medical Center	Seattle	Not Applicable
Virginia Mason Medical Center	Seattle	Not Applicable
West Seattle Psychiatric	Seattle	Not Applicable
Enumclaw Community Hospital	Enumclaw	Level 5

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Resource & Pharmaceutical Tracking

Resource	Category	Quantity	Available to Share	Contact	Last Updated	Update
800 Mhz Radio (base stations)	Communications Equipment	3	0		06/06 11:02 AM	Update
800 Mhz Radio (handheld)	Communications Equipment	180	20	Allison Schletzbaum	08/03 11:02 AM	Update
800 Mhz Radio (mobile)	Communications Equipment	9	3	Allison Schletzbaum	08/02 04:02 PM	Update
Anesthesia Machine	Respiratory Equipment	27	0		06/06 11:10 AM	Update
Automatic Resuscitator	Respiratory Equipment	0	0		06/06 11:10 AM	Update
BIPAP Machine	Respiratory Equipment	15	0		06/06 11:10 AM	Update
CPAP Machine	Respiratory Equipment	6	0		06/06 11:10 AM	Update
Full-Featured Mechanical Vent	Respiratory Equipment	66	0		06/06 11:10 AM	Update
HEAR Radio	Communications Equipment	2	2	Chris Martin	08/09 10:10 PM	Update
High Frequency Oscillary Ventilator	Respiratory Equipment	1	0		06/06 11:10 AM	Update
Portable Mechanical Vent (internal gas)	Respiratory Equipment	6	0		06/06 11:10 AM	Update
Portable Mechanical Vent (pneumatically powered)	Respiratory Equipment	20	0		06/06 11:10 AM	Update



Knowledgebase

Search GO

Advanced Search

- Washington State Knowledgebase
 - Administration
 - Healthcare System Response Information
 - Survey Results
 - Communications
 - KCHealthTrac Materials
 - General Materials and Forms
 - Hospital Training Materials
 - KCHealthTrac Users Manual
 - Trainer's Table of Contents
 - Plan of Instruction
 - Hands-On Activity
 - Unit 1 PowerPoint
 - Unit 2 PowerPoint
 - Unit 3 PowerPoint
 - Unit 4 PowerPoint

Hospital Capacity User Quick Guide

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<http://www.kchealthtrac.com>

- You can make two selections from the System Navigation Bar across top of your screen. **My Facility** is the first page you see when you log in. **Regional Status** shows the current status of the facilities in King County.
- The **My Facility** page has four features: (a) Current Facility Status, (b) Current Bed Availability, (c) Facility Status Overview, and (d) Alerts in the Past 24 Hours.
 - (a) Current Facility Status**
 - Changing Your Organization's Status.** Click on the *Change Diversion* button.
 - Select Status.** Choices are: (i) **BLS Open-ALS Open**, (ii) **BLS Open-ALS Closed**, (iii) **BLS Closed-ALS Open**, (iv) **BLS Closed-ALS Closed**, (v) **Hospital Not Functional**.
 - Enter Password & Diversion Reason.** Enter the same password you used to log into the system. Select your diversion reason and then click the *Submit* button. Choices are:
 - No Acute Care Beds
 - No Telemetry Beds
 - No Critical Care Beds
 - Physical Facility Damage (e.g., flooding, smoke, etc.)
 - OR Down
 - CT Down
 - (b) Update Current Bed Availability.** Click on the *Update* button next to the bed type. Update your number of *Available Staffed Beds* for that bed type. The *CONTACT* field not required. Click *Save*.
 - (c & d) Facility Status Overview & Alerts in the Last 24 hours.** These two boxes are informational only. The first provides you a snapshot of what is happening system-wide. The second shows you any alerts that were sent to your hospital account in the last 24 hours.



Command Center

The screenshot shows a web browser window with the address bar displaying `https://www.khealthtrac.org - Test Room 305 - Microsoft Internet Explorer`. The page title is "Test Room 305" and the current room is identified as "Test Room 305".

The interface includes several panels:

- Room Notes:** A panel with an "Edit Notes" button and the text "No Notes Attached".
- Room Resources:** A panel with an "Upload File" button and the text "No Room Resources at this time."
- Notifications:** A panel with the text "No Members Assigned".
- Chat Area:** A central area showing a message: "Fri Dec 21 2007 (9:46 AM) Allison Schletzbaum: hello!".
- User Status:** A panel for "Allison Schletzbaum" showing a status of "Available" and a "Present (0)" list.
- Not Present (2-4):** A list of users who are not present, including:
 - Aimee Welch (Public Health-Seattle & King County)
 - Anne Newcombe (Harborview Medical Center)
 - Ryan Arneson (*ImageTrend Hospital)
 - Atar Baer (Public Health-Seattle & King County)
 - Carina Elsenboss (Public Health-Seattle & King County)
 - Carlos Domiguez
- Input Area:** A large text input field with the placeholder "Input Text Here" and a "Send" button.

The browser's status bar at the bottom shows "Done" and "Internet".



Implementation Team

- King County Healthcare Coalition staff leveraged for experience in implementing the system in their region
- Three members:
 - Barbara Andrews, Statewide Implementation Manager
 - Alison Alcoba, Administrative Support
 - Allison Schletzbaum, Project & Technical Guidance
- Team works in cooperation with the Washington State Department of Health
- Users group membership will be announced in early October



Phases of Implementation

- Phase 1
 - ED Status & Bed Tracking
 - Goal: Replace the hospital capacity website for all current users by December 31, 2008
 - Regions participating: 1, 2, 3, 5, 6, 8
- Phase 2
 - Incident Management features of the system
 - Timeline: Workplan vetted through Users Group and made available by December 31, 2008.
 - Regions participating: TBD



Implementation Process

1. Schedule kickoff, training week, and launch date
2. Upload all facility data for your region
3. Conduct a Configuration/Kickoff Meeting Configure the system based on kickoff meeting decisions
4. Train hospitals in your region on WATrac
5. Complete two weeks of dual data entry in WATrac and the Hospital Capacity Website
6. WATrac goes live in your region



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